

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (37 CFR 1.63)**

Attorney Docket No. CEC-127/SD-2131  
First Named Inventor: Salim A. Jaliwala

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SYSTEM AND METHOD FOR ESTIMATING  
EGR MASS FLOW AND EGR FRACTION**

the specification of which

is attached hereto

OR

as filed on

Application Number or PCT International Application Number  
and was amended on (MM/DD/YYYY)

[REDACTED]

as United States

[REDACTED] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under Title 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 265(a) or any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application No.	Country	For. Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				Yes No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 120 of any United States Application(s) or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

US Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT int'l application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Name	Registration Number
Jeffrey A. Michael	Reg. No. 37,394
Deborah R. Beck	Reg. No. 37,370
Michael D. Beck	Reg. No. 32,722
Arthur R. Whale	Reg. No. 18,778

Add'l registered practitioners named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:

Name: Jeffrey A. Michael  
Baker & Daniels  
300 N. Meridian St., Suite 2700  
Indianapolis, IN 46204

Country: USA

Telephone: (317) 237-0300

Fax: (317) 237-1000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Name of First Inventor:**

Given Name (first)and <b>Salim</b>	Middle Name (if any) <b>A.</b>	Family Name or Surname <b>Jaliwala</b>
Inventor's Signature		DATE:
Residence: City: <b>Columbus</b>	State: <b>Indiana</b>	Country: <b>United States of America</b>
Citizenship: <b>United States of America</b>		
Post Office Address <b>992 Box Turtle Court</b>		
City: <b>Columbus</b>	State: <b>Indiana</b>	Zip: <b>47201</b>
Country: <b>United States of America</b>		

**Name of Second Inventor:**

Given Name (first)and <b>Paul</b>	Middle Name (if any) <b>R.</b>	Family Name or Surname <b>Miller</b>
Inventor's Signature		DATE:
Residence: City: <b>Columbus</b>	State: <b>Indiana</b>	Country: <b>United States of America</b>
Citizenship: <b>United States of America</b>		
Post Office Address <b>1800 Park Valley Drive</b>		
City: <b>Columbus</b>	State: <b>Indiana</b>	Zip: <b>47203</b>
Country: <b>United States of America</b>		

**Name of Third Inventor:**

Given Name (first)and <b>Larry</b>	Middle Name (if any) <b>J.</b>	Family Name or Surname <b>Brackney</b>
Inventor's Signature		DATE:
Residence: City: <b>Columbus</b>	State: <b>Indiana</b>	Country: <b>United States of America</b>
Citizenship: <b>United States of America</b>		
Post Office Address <b>1949 Jolinda Drive</b>		
City: <b>Columbus</b>	State: <b>Indiana</b>	Zip: <b>47203</b>
Country: <b>United States of America</b>		

**Name of Fourth Inventor:**

Given Name (first)and	Middle Name (if any)	Family Name or Surname
<b>Thomas</b>	<b>A.</b>	<b>Dollmeyer</b>
Inventor's Signature		DATE:
Residence: City: <b>Columbus</b>	State: <b>Indiana</b>	Country: <b>United States of America</b>
Citizenship: <b>United States of America</b>		
Post Office Address	<b>12730 West Baker Hollow</b>	
City: <b>Columbus</b>	State: <b>Indiana</b>	Zip: <b>47201</b>
Country: <b>United States of America</b>		

**Name of Fifth Inventor:**

Given Name (first)and	Middle Name (if any)	Family Name or Surname
<b>Chuan</b>		<b>He</b>
Inventor's Signature		DATE:
Residence: City: <b>Columbus</b>	State: <b>Indiana</b>	Country: <b>United States of America</b>
Citizenship: <b>People's Republic of China</b>		
Post Office Address	<b>1534 27<sup>th</sup> Place</b>	
City: <b>Columbus</b>	State: <b>Indiana</b>	Zip: <b>47201</b>
Country: <b>United States of America</b>		

**Name of Sixth Inventor:**

Given Name (first)and	Middle Name (if any)	Family Name or Surname
<b>George</b>		<b>Brunemann</b>
Inventor's Signature		DATE:
Residence: City: <b>Cincinnati</b>	State: <b>Ohio</b>	Country: <b>United States of America</b>
Citizenship: <b>United States of America</b>		
Post Office Address	<b>4426 Foley Road</b>	
City: <b>Cincinnati</b>	State: <b>Ohio</b>	Zip: <b>45238</b>
Country: <b>United States of America</b>		

**Name of Seventh Inventor:**

Given Name (first)and	Middle Name (if any)	Family Name or Surname
<b>John</b>	<b>F.</b>	<b>Wright</b>
Inventor's Signature		DATE:
Residence: City: <b>Columbus</b>	State: <b>Indiana</b>	Country: <b>United States of America</b>
Citizenship: <b>United States of America</b>		
Post Office Address	<b>2318 Newton Street</b>	
City: <b>Columbus</b>	State: <b>Indiana</b>	Zip: <b>47201</b>
Country: <b>United States of America</b>		

**Name of Eighth Inventor:**

Given Name (first)and	Middle Name (if any)	Family Name or Surname
<b>Stephen</b>	<b>J.</b>	<b>Charlton</b>
Inventor's Signature		DATE:
Residence: City: <b>Columbus</b>	State: <b>Indiana</b>	Country: <b>United States of America</b>
Citizenship: <b>United States of America</b>		
Post Office Address	<b>694 Kinney Lane</b>	
City: <b>Columbus</b>	State: <b>Indiana</b>	Zip: <b>47201</b>
Country: <b>United States of America</b>		